EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5,737160").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/19 13:12
S2	2	("6157089").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/19 14:52
S3	2	("5969514").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/19 14:53
S4	40070	(short adj circuit or over adj load or over adj current or excessive$3 adj current) same protect$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:53
S5	63	S4 same (fet or mosfet or gate or transistor$1) same parallel same (aux or auxiliary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:37
S6	14	S4 same (fet or mosfet or gate or transistor$1) near3 (aux or auxiliary) same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:03
S7	27	S4 same (fet or mosfet or gate or transistor$1) near3 (aux or auxiliary or bypass) same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:06
S8	13	S7 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:06
S9	7918	S4 same (fet or mosfet or gate or transistor$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:05
S10	127	S4 same (fet or mosfet or gate or transistor$1 or switch) near3 (aux or auxiliary or bypass) same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:17
S11	113	S10 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:07
S12	100	S11 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:14

S13	5	"3432680"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:15
S14	0	wilfried-gehl.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:15
S15	2	gehl-wilfried.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:15
S16	1646	((fet or mosfet or gate or transistor$1 or switch$3) near3 parallel) same (simultan$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:06
S17	111	S16 and (short adj circuit or over adj load or over adj current or excessive$3 adj current or short$3) same protect$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:31
S18	168395	monit$4 same (semiconductor or switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:35
S19	24218	S18 same (over adj load or over adj current or short$3 or excessive$ adj current or excessive$3 adj voltage or limit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:35
S20	11	S19 same ((fet or mosfet or gate or transistor$1 or switch$3) near3 parallel) same (simultan$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:36
S21	33215	monit$4 near3 (semiconductor or switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:35
S22	93578	monit$4 with (semiconductor or switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:35
S23	3395	S21 same (over adj load or over adj current or short$3 or excessive$ adj current or excessive$3 adj voltage or limit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:05
S24	1	S23 same ((fet or mosfet or gate or transistor$1 or switch$3) near3 parallel) same (simultan$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:37

EAST Search History

S25	105725	(fet or mosfet or gate or transistor$1 or switch$3) with (aux or auxiliary or bypass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:39
S26	390	(fet or mosfet or gate or transistor$1 or switch$3) with (overload or overcurrent or short$3 or excessive adj current or excessive adj voltage) same (aux or auxiliary or bypass) same simultan$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:41
S27	65	(fet or mosfet or gate or transistor$1 or switch$3) with (overload or overcurrent or short$3 or excessive adj current or excessive adj voltage) same ((aux or auxiliary or bypass) near (switch or transistor or gate or fet)) same simultan$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:49
S28	18	(monitor$3 with (fet or mosfet or gate or transistor$1 or switch$3)) near ((aux or auxiliary or bypass) near (switch or transistor or gate or fet or mofet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:52
S29	680	(monitor$3 with (fet or mosfet or gate or transistor$1 or switch$3)) same ((aux or auxiliary or bypass) near2 (switch or transistor or gate or fet or mofet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 15:53
S30	127	S29 and (short adj circuit or over adj load or over adj current or excessive$3 adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:03
S31	59144	fail$3 with (switch or transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:05
S32	14994	S31 same (over adj load or over adj current or short$3 or excessive$ adj current or excessive$3 adj voltage or limit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:05
S33	34	S32 same ((fet or mosfet or gate or transistor$1 or switch$3) near3 parallel) same (simultan$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:20
S34	31	"3515773"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:10
S35	1	"03737791"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:11
S36	7	"3737791"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:11

EAST Search History

S37	5199	(fail$3 with (transistor or switch)) same monitor$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:12
S38	66	(fail$3 with (transistor or switch)) same monitor$3 same simultan$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:15
S39	126764	((igfet or n adj1 fet or fet or mosfet or gate or transistor$1 or switch$3) near3 parallel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:24
S40	5762	electronic with fuse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:23
S41	26	S40 same ((igfet or n adj1 fet or fet or mosfet or gate or transistor$1 or switch$3) near3 parallel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:25
S42	0	S40 same (igfet or n adj1 fet or fet or mosfet or gate or transistor$1 or switch$3) same simlutan$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:25
S43	10	S40 same (igfet or n adj1 fet or fet or mosfet or gate or transistor$1 or switch$3) same simultan$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:26
S44	5	"3432680"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:27
S45	0	pepper adj2 fuchs.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:44
S46	241	pepperl adj2 fuchs.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:44
S47	4	pepperl adj2 fuchs.as. and monitoring adj (unit or circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:52
S48	170	((watch adj dog or monitor$3) near (unit or circuit)) same (switch$2) same (simultan$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 16:54

EAST Search History

S49	90	((watch adj dog or monitor$3) near (unit or circuit)) same (switch$2) same (simultan$5) and (over adj load or short$3 or over adj current or exess$4 adj current or excess$4 adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 17:21
S50	0	("5894274").URPN.	USPAT	OR	ON	2006/09/19 16:59
S51	0	("5894274").URPN.	USPAT	OR	ON	2006/09/19 16:59
S52	0	("5894274").URPN.	USPAT	OR	ON	2006/09/19 16:59
S53	2	("4862091" | "4977478").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:59
S54	31	((watch adj dog or monitor$3) near (unit or circuit)) same (switch$2) same (simultan$5) same (over adj load or short$3 or over adj current or exess$4 adj current or excess$4 adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 17:22
S55	9	((watch adj dog or monitor$3) near (unit or circuit)) same (gate) same (simultan$5) same (over adj load or short$3 or over adj current or exess$4 adj current or excess$4 adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 17:26
S56	9	((watch adj dog or monitor$3) near (unit or circuit)) same (gate) same (simultan$5) same (over adj load or short$3 or over adj current or exess$4 adj current or excess$4 adj voltagea or exceed$4 adj5 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 18:55
S57	12958	(watch adj dog or monitor$3) same (switch$2 or fet or mosfet or gate) same (over adj load or short$3 or over adj current or exess$4 adj current or excess$4 adj voltagea or exceed$4 adj5 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 18:58
S58	12958	(watch adj dog or monitor$3) same (switch$2 or fet or mosfet or gate) same (over adj load or short$3 or over adj current or exess$4 adj current or exceed$4 adj5 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 19:00
S59	706	(watch adj dog or monitor$3) same (switch$2 or fet or mosfet or gate) same (over adj load or short$3 or over adj current or exess$4 adj current or exceed$4 adj5 current) same (aux or auxiliary or bypass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 19:00
S60	40	(watch adj dog or monitor$3) same (switch$2 or fet or mosfet or gate) same (over adj load or short$3 or over adj current or exess$4 adj current or exceed$4 adj5 current) same ((aux or auxiliary or bypass) adj switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 19:08
S61	453	(watch adj dog or monitor$3 or cpu or micro$computer or micro$processor or micro$controller or processor) same (switch$2 or fet or mosfet or gate) same ((aux or auxiliary or bypass) adj switch) and (over adj load or short$3 or over adj current or exess$4 adj current or exceed$4 adj5 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 19:09
S62	10	(watch adj dog or monitor$3 or cpu or micro$computer or micro$processor or micro$controller or processor) same (switch$2 or fet or mosfet or gate) same ((aux or auxiliary or bypass) adj switch) near4 (over adj load or short$3 or over adj current or exess$4 adj current or exceed$4 adj5 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 19:28
S63	1328	((watch adj dog or monitor$3 or cpu or micro$computer or micro$processor or micro$controller or processor) with (switch$2 or fet or mosfet or gate)) same (aux or auxiliary or bypass or parallel) same (over adj load or short$3 or over adj current or exess$4 adj current or exceed$4 adj5 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 19:32

EAST Search History

S64	398	S63 and resistor with series	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 19:32
S65	1	("6710698").URPN.	USPAT	OR	ON	2006/09/19 19:58
S66	0	("6781502").URPN.	USPAT	OR	ON	2006/09/19 20:34
S67	0	("6781502").URPN.	USPAT	OR	ON	2006/09/19 20:34
S68	88	("3074006" | "3078410" | "3109980" | "3192441" | "3201606" | "3317817" | "3337744" | "3395317" | "3403320" | "3413522" | "3448342" | "3473106" | "3505583" | "3509450" | "3531712" | "3532936" | "3534249" | "3541425" | "3548294" | "3571608" | "3588672" | "3668545" | "3697861" | "3771021" | "3819986" | "3881150" | "3886410" | "3916220" | "4016460" | "4075546" | "4186418" | "4423431" | "4429339" | "4459537" | "4536699" | "4618812" | "4661879" | "4691129" | "4725912" | "4736268" | "4752852" | "4835649" | "5006734" | "5015918" | "5136452" | "5233287" | "5319515" | "5381296" | "5410441" | "5430401" | "5506493" | "5513060" | "5519557" | "5539603" | "5539610" | "5625519" | "5642251" | "5757600" | "5814979" | "5815356" | "5946270" | "5991134" | "6118641" | "6424512" | "6456186" | "6587027" | "6611410" | "6710698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 20:34
S69	88	("3074006" | "3078410" | "3109980" | "3192441" | "3201606" | "3317817" | "3337744" | "3395317" | "3403320" | "3413522" | "3448342" | "3473106" | "3505583" | "3509450" | "3531712" | "3532936" | "3534249" | "3541425" | "3548294" | "3571608" | "3588672" | "3668545" | "3697861" | "3771021" | "3819986" | "3881150" | "3886410" | "3916220" | "4016460" | "4075546" | "4186418" | "4423431" | "4429339" | "4459537" | "4536699" | "4618812" | "4661879" | "4691129" | "4725912" | "4736268" | "4752852" | "4835649" | "5006734" | "5015918" | "5136452" | "5233287" | "5319515" | "5381296" | "5410441" | "5430401" | "5506493" | "5513060" | "5519557" | "5539603" | "5539610" | "5625519" | "5642251" | "5757600" | "5814979" | "5815356" | "5946270" | "5991134" | "6118641" | "6424512" | "6456186" | "6587027" | "6611410" | "6710698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 20:34
S70	88	("3074006" | "3078410" | "3109980" | "3192441" | "3201606" | "3317817" | "3337744" | "3395317" | "3403320" | "3413522" | "3448342" | "3473106" | "3505583" | "3509450" | "3531712" | "3532936" | "3534249" | "3541425" | "3548294" | "3571608" | "3588672" | "3668545" | "3697861" | "3771021" | "3819986" | "3881150" | "3886410" | "3916220" | "4016460" | "4075546" | "4186418" | "4423431" | "4429339" | "4459537" | "4536699" | "4618812" | "4661879" | "4691129" | "4725912" | "4736268" | "4752852" | "4835649" | "5006734" | "5015918" | "5136452" | "5233287" | "5319515" | "5381296" | "5410441" | "5430401" | "5506493" | "5513060" | "5519557" | "5539603" | "5539610" | "5625519" | "5642251" | "5757600" | "5814979" | "5815356" | "5946270" | "5991134" | "6118641" | "6424512" | "6456186" | "6587027" | "6611410" | "6710698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 20:34
S71	10	("20030080719" | "5416885" | "5629680" | "5945745" | "6175225" | "6229279" | "6320358" | "6384489" | "6455951" | "6574122").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 20:36
S72	2	("6781502").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/19 20:36

S73	88	("3074006" | "3078410" | "3109980" | "3192441" | "3201606" | "3317817" | "3337744" | "3395317" | "3403320" | "3413522" | "3448342" | "3473106" | "3505583" | "3509450" | "3531712" | "3532936" | "3534249" | "3541425" | "3548294" | "3571608" | "3588672" | "3668545" | "3697861" | "3771021" | "3819986" | "3881150" | "3886410" | "3916220" | "4016460" | "4075546" | "4186418" | "4423431" | "4429339" | "4459537" | "4536699" | "4618812" | "4661879" | "4691129" | "4725912" | "4736268" | "4752852" | "4835649" | "5006734" | "5015918" | "5136452" | "5233287" | "5319515" | "5381296" | "5410441" | "5430401" | "5506493" | "5513060" | "5519557" | "5539603" | "5539610" | "5625519" | "5642251" | "5757600" | "5814979" | "5815356" | "5946270" | "5991134" | "6118641" | "6424512" | "6456186" | "6587027" | "6611410" | "6710698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 20:36
S74	20	((fet or mosfet or gate or transistor$1 or switch$3) near3 (first or second)) same parallel and zener near gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 17:23
S75	13	((fet or mosfet or gate or transistor$1 or switch$3 or semiconductor) near3 (microcomputer or controller or control or processor or microprocessor or microcontroller)) same parallel and zener near gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 17:26
S76	106	zener near gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 17:27
S77	8	S76 and fuse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 17:30
S78	3	("6710698").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/20 17:30
S79	10	("20030080719" | "5416885" | "5629680" | "5945745" | "6175225" | "6229279" | "6320358" | "6384489" | "6455951" | "6574122").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 17:30
S80	1	("6710698").URPN.	USPAT	OR	ON	2006/09/20 17:31